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11-26-01

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 4015-1815

First Inventor or Application Identifier Gregory E. Bottomley

Title METHOD AND APPARATUS FOR INTERFERENCE
CANCELLATION IN A RAKE RECEIVER

Express Mail Label No. EV014468748US

A
11/05/01
JC973 U 992094
11/05/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 25]
(preferred arrangement set forth below)
 - Descriptive title to the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

Continuation Divisional Continuation-in-part (CIP) of prior application No: 09 / 165,647
Prior application information: Examiner: Ghebretinsae, T. Group/Art Unit: 2631

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

(Insert Customer No. or Bar code label here)

241112

NAME	PATENT & TRADEMARK OFFICE		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

Name (Print/Type)	David E. Bennett	Registration No. (Attorney/Agent)	32,194
Signature		Date	November 5, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

Small Entity payments must be supported by a small entity statement. otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$740.00)*Complete if Known*

Application Number	TBA
Filing Date	TBA
First Named Inventor	Gregory E. Bottomley
Examiner Name	TBA
Group Art Unit	TBA

Attorney Docket No. 4015-1815

METHOD OF PAYMENT (check one)1. The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.L.C.

2. Charge Any Additional Fee Required Under 37 CFR §1.18 at the Mailing of the Notice of Allowance3. Payment Enclosed: Check Money Order Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee
106	310	206	155	Design filing fee
107	480	207	240	Plant filing fee
108	760	208	380	Reissue filing fee
114	150	214	75	Provisional filing fee
SUBTOTAL (1)				(\$740.00)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
7	2	-20** = 0	X 18.00 = 0	0
		-3** = 0	X 80.00 = 0	0

Claims Multiple Dependent Claims X =

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	78	202	39 Independent claims in excess of 3
104	260	204	130 Multiple dependent claim
109	78	209	39 **Reissue independent claims over original patent
110	18	210	9 **Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)			

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for reexamination
112	920*	112	920* Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examination action
115	110	215	55 Extension for reply within first month
116	380	216	190 Extension for reply within second month
117	870	217	435 Extension for reply within third month
118	1,360	218	680 Extension for reply within fourth month
128	1,850	228	925 Extension for reply within fifth month
119	300	219	150 Notice of Appeal
120	300	220	150 Filing a brief in support of an appeal
121	260	221	130 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,210	241	605 Petition to revive - unintentional
142	1,210	242	605 Utility issue fee (or reissue)
143	430	243	215 Design issue fee
144	580	244	290 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt.
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	760	246	380 Filing a submission after final rejection (37 CFR 1.129(a))
149	760	249	380 For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$0)**SUBMITTED BY***Complete (if applicable)*

Typed or Printed Name	David E. Bennett	Reg. Number	32,194
Signature		Date	November 5, 2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: _____)
Gregory E. Bottomley _____)
Serial No. _____) Express Mail Certification
Filed: _____) Label No. EV014468748US
For: METHOD AND APPARATUS FOR)
INTERFERENCE CANCELLATION IN A)
RAKE RECEIVER)
Attorney's Docket No. 4015-1815)

Raleigh, North Carolina

November 5, 2001

Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

SEARCHED
SERIALIZED
INDEXED
FILED

EXPRESS MAIL CERTIFICATE LABEL NO. EV014468748US

DATE MAILED: November 5, 2001

I hereby certify that the enclosed Utility Patent Application Transmittal Form for a divisional application, Fee Transmittal Form (2 copies), Preliminary Amendment, Specification and claims (copy from application serial number 09/165,647), drawings (1 set of 4 sheets) (copy from 09/165,647), Declaration and Power of Attorney (copy from 09/165,647), Form PTO-1449 (1 copy of 6 pages from 09/165,647), and our Check # 5244 in the amount of \$740.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:



David E. Bennett
Registration No. 32,194

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